

I – Identification of the Substance and of the Company

SUPPLIER: RMO, Inc.
650 W. Colfax Ave.
Denver, CO 80204
303-592-8200

Trade Name and Synonyms – Ethylene-Propylene Copolymer
Description: Disposable Impression Trays

Emergency Information Chemtrec: 800-424-9300
Chemtrec International: 202-483-7616

Product Grade / Name:
POLYPROPYLENE COPOLYMER

II – Composition / Information on Ingredients

MATERIAL	CAS NUMBER
Ethylene-Propylene Copolymer	9010-79-1

III – Hazards Identification

Physical State and Appearance: Solid

Emergency Overview: Irritating vapors to respiratory system and eyes may form when polymer is processed at high temperatures. Molten or heated material can cause severe burns when there is contact with skin.

Routes of Entry (Hot Material Only): Skin contact, eye contact, and inhalation.

Potential Acute Health Effects:

Eyes: This product is not known to cause eye irritation. However, as with any chemical, some sensitive individuals may experience eye irritation upon contact. Heated Polymer: Eye contact can cause serious thermal burns. Vapors formed when polymer is heated may be irritating to the eyes.

Skin: No known acute effects of this product resulting from skin contact. However, in light of good industrial hygiene, exposure to any chemical should be kept to a minimum. Heated Polymer: skin contact can cause serious thermal burns.

Inhalation: Negligible at room temperature. Nuisance dusts can be irritating to the upper respiratory tract. Irritating vapors may form when the polymer is processed at high temperatures.

Ingestion: No effects are expected for ingestion of small amounts.

Potential Chronic Health Effect:

Carcinogenic Effects: Polypropylene is not a known carcinogen. Classified NONE by NTYP, NONE by OSHA. 3 (Not classifiable for human.) by IRAC.

Mutagenic Effects: Not available.

Teratogenic Effects: Not available.

Medical Conditions Aggravated by Overexposure:

There is no known effect from chronic exposure to this product. Repeated or prolonged exposure is not known to aggravate medical condition.

Overexposure / Signs / Symptoms: No information available.

IV – First Aid Measures

Eye Contact: Rinse with water for a few minutes. Seek medical attention if necessary.

Skin Contact: No known effect on skin contact; rinse with water for a few minutes. Heated Polymer can cause serious burns, get medical attention.

Inhalation: Allow the victim to rest in a well ventilated area.

Ingestion: No first aid procedures are needed.

Notes to Physician: Not available.

V – Fire Fighting Measures

Flash Point: Not available.

Flammability: May be combustible at high temperatures.

Flammable Limits: Not available.

Products of Combustion: Carbon oxides (CO and CO₂) and soot.

Fire Extinguishing Media: Dry Chemical, CO₂, Foam, Water, and Halon.

Special Fire Fighting Procedures: Avoid inhalation of vapors. Wear self-contained breathing apparatus when fire fighting in confined areas.

Unusual Fire/Explosion Hazards: Fire may produce irritating gases and dense smoke.

VI – Accidental Release Measures

Sweep or shovel into waste containers for disposal.

VII – Handling and Storage

Handling of plastic may form nuisance dust. Protect personnel. Keep product in a cool place. Ground all equipment containing this product. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

VIII – Exposure Controls / Personal Protection

Respirator Protection: None required under normal use conditions. Use of NIOSH approved respirator recommended when handling hot material.

Protective Clothing: None required under normal use conditions. Thermally insulated gloves required when handling hot material.

Eye Protection: Safety glasses.

Ventilation: Local exhaust is adequate under normal use conditions. Ventilate as needed when handling hot material. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limits.

IX – Physical and Chemical Properties

Appearance and Odor: Solid odorless plastic (various colors)

Boiling Point: N/A

Vapor Pressure: N/A

Vapor Density: N/A

Solubility in Water: Negligible

Specific Gravity (water=1): 0.90-0.97

Percent Volatile: Negligible

Evaporation Rate: N/A

Melt Point: 248-338 Degrees F (120-170 Degrees C)

X – Stability and Reactivity

Stability:

Unstable () Stable (X)

Conditions to Avoid: Avoid temperatures above 300 degree C.

Incompatibility:

Material to Avoid: Incompatible or reactive with fluorine gas, oxidizing agents (nitric acid and perchloric acid), free halogens, benzene, petroleum ether, gasoline and lubricating oils, and aromatic and chlorinated hydrocarbons.

Hazardous Decomposition Products:

Carbon Dioxide, Carbon Monoxide

Hazardous Polymerization:

May Occur () Will Not Occur (X)

Conditions to Avoid:

HMS Ratings: Health: 0 / Flammability: 1 / Reactivity: 0

XI – Toxicological Information

Toxicity to Animals: Not available.

Chronic Effects on Humans: Carcinogenic Effects: Classified NONE by NTYP, NONE by OSHA. 3 (Not classifiable for human.) by IRAC.

Other Toxic Effects on Humans: Not considered to be dangerous for humans according to our database.

XII – Ecological Information

Not available.

XIII – Disposal Considerations

In accordance with Federal, State and Local Regulations.

XIV – Transportation Information

DOT Classification: Not a DOT controlled material (United States)

DOT Proper Shipping Name: Not applicable

UN number: Not established

Packaging Group: Not applicable

USCG Proper Shipping Name: Not determined

Marine Pollutant: Not available

Hazardous Substance Reportable Quantity: Not available

Special Provision for Transport: Not applicable

TDG Classification: Not controlled under TDG (Canada)

ADR/RID Classification: Not controlled under ADR (Europe)

IMO/IMDG Classification: Not controlled under IMDG

ICAO/IATA Classification: Not controlled under IATA

XV – Regulatory Information

HCS Classification: Not an HCS controlled material in USA

U.S. Federal regulations:

TSCA inventory: Polypropylene Homopolymer

SARA 302/304/311/312 extremely hazardous substances: No products were found.

SARA 302/304 emergency planning and notification: No products were found.

SARA 302/304/311/312 hazardous chemicals: No products were found.

SARA 311/312 MSDS distribution – chemical inventory – hazard identification: No products were found.

Clean water act 307: No products were found.

Clean water act 311: No products were found.

Clean air act 112 accidental release prevention: No products were found.

Clean air act 112 regulated flammable substances: No products were found.

Clean air act 112 regulated toxic substances: No products were found.

International Regulations:

WHMIS (Canada): Not controlled under WHMIS. CEPA DSL: Polypropylene Copolymer

EINECS: Not available.

DSCL (EEC - Europe): Not controlled under DSCL.

International Lists: No products were found.

State Regulations: Not products were found.

California Proposition 65: There are no Proposition 65 chemicals present at levels that would require a warning under the California Safe Drinking Water and Toxic Enforcement Act.

XVI – Other Information

Note: While the information and recommendations set forth on this data sheet are believed to be accurate as received from our suppliers, RMO, Inc. makes no warranty with respect thereto and disclaims all liability from reliance thereon.